

7-24-81  
12.3.8 v.3

<b>LONESTAR</b>		<b>CAPITAL APPROPRIATION REQUEST</b>															
Region /Subsidiary <u>Pacific/Northwest</u> Location <u>Seattle Cement</u> Date <u>June 24, 1981</u> Project or Request No. <u>SEA-3</u> Type of Request <u>Budget</u>		Requested Amount Total Current Request <u>\$ 57,500</u> Prior Authorization <u>\$ -0-</u> Memo: Existing or Transferred-In Assets <u>\$ -0-</u>															
Project Title <u>Engineering and Installation for Fly Ash Insufflation.</u>																	
Basic Purpose <u>Improve raw material handling.</u>																	
Summary Description <u>The present method of fly ash addition to raw materials creates flowability problems at the crusher with loss of production and increase in overtime. Insufflation would relieve this condition.</u>																	
Alternatives 1) This proposal. 2) Status quo.																	
Classification <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Improvement <input type="checkbox"/> Addition <input type="checkbox"/> Replacement <input type="checkbox"/> Pollution <input type="checkbox"/> Safety <input type="checkbox"/> Legal																	
Investment Factors Economic Life <u>10</u> (Yrs.)    Residual Value \$ <u>15,000</u> Payback Period <u>3.5</u> yrs.    DCF/ROI <u>31</u> %																	
Spending Schedule <u>Project Totals</u> Prior Spending <u>\$ -0-</u> Future Spending <u>\$ 57,500</u> Total Spending <u>\$ 57,500</u>		Future Spending - By Quarter <table style="width:100%; border-collapse: collapse;"> <tr> <td>J <u>34,500 q</u></td> <td>J _____</td> </tr> <tr> <td>F _____</td> <td>A _____</td> </tr> <tr> <td>M _____</td> <td>S _____</td> </tr> <tr> <td>A <u>23,000 q</u></td> <td>D _____</td> </tr> <tr> <td>M _____</td> <td>N _____</td> </tr> <tr> <td>J _____</td> <td>D _____</td> </tr> <tr> <td>Year 19 <u>82</u></td> <td>Year 19 _____</td> </tr> </table>		J <u>34,500 q</u>	J _____	F _____	A _____	M _____	S _____	A <u>23,000 q</u>	D _____	M _____	N _____	J _____	D _____	Year 19 <u>82</u>	Year 19 _____
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A <u>23,000 q</u>	D _____																
M _____	N _____																
J _____	D _____																
Year 19 <u>82</u>	Year 19 _____																
Asset to be Replaced Description <u>N/A</u> Age _____ (Yrs.)    Value \$ _____    Disposition _____																	
Regional/Subsidiary Approvals _____ Name/Title/Date		_____ Name/Title/Date															
_____ Name/Title/Date		_____ Controller/Date															
_____ Name/Title/Date		_____ Regional Vice President/Date															
Corporate Headquarters Approvals - Only as Required _____ Executive V P /Date		_____ Name/Title/Date															
_____ Name/Title/Date		_____ Asset Management/Date															
_____ Name/Title/Date		_____ Chief Fin. Officer/Date															
_____ Name/Title/Date		_____ Chairman/Date															

USEPA SF  
  
 1261035

PROJECT REQUEST EVALUATION

SEATTLE FLY ASH INSUFFLATION

BACKGROUND:

Fly ash is currently added to the raw materials as a source of silica, with some residual BTU value.\* This addition creates flowability problems at the crusher, causing plugging of the vibrating screen. Production is lost and 100 hours of overtime are needed to unplug equipment and clean spills each winter month.

Insufflation would permit greater quality control, eliminate the current problems, and save fuel cost.

ALTERNATIVES:

- 1) This proposal.
- 2) Status quo.

CAPITAL COST:

\$57,500.

FINANCIAL:

Ten year useful life. Equipment would be compatible with any kiln modifications.

RECOMMENDATION:

Proceed with proposal.

\* 1000 Net BTU/lb.